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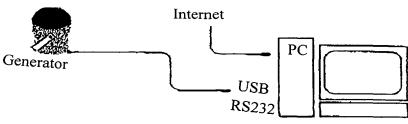
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(54) Title: SYSTEM FOR THE CONTROL, VERIFICATION AND RECORDING OF THE PERFORMANCE OF A RADIOISOTOPE GENERATOR'S OPERATIONS

Connection



(57) Abstract: This invention is referred to a digital technetium Tc-99m generator obtained by incorporating devices to allow the control, verification and recording of all the operations performed by the generator. The invention includes a conventional traditional generator Mo-99/Tc-99m, using either a dry or wet column, such as the ones commercially available for use in nuclear medicine; an electronic sensor of elution; an eluted activity measurement sensor; a device to

measure the nuclear quality of the eluted Tc-99m; an electronic memory means with information to the user regarding: Generator No., Lot No., activity, calibration and expiration dates; a communication interface, whether via RS232; USB, parallel Port or any other input-output port of a PC; and a control and user interface software.



